

**NOVEMBER/DECEMBER 2023**  
**CREBC54 — MEDICAL LAB TECHNOLOGY**

Time : Three hours

Maximum : 75 marks

**SECTION A — (10 × 2 = 20 marks)**

Answer ALL the questions.



1. What is Quality Control?
2. Interpret Precautions in Laboratory.
3. Define Uric Acid.
4. Explain Faecal fat test.
5. What is Platelets?
6. Outline Anticoagulant.
7. Define Blood Grouping.
8. Explain CSF.
9. What is Throat Swab?
10. Out line TB.



SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions.

11. (a) Apply Quality Control of Quantitative data.

Or

- (b) List out good laboratory Practices.

12. (a) Identify the test for Occult blood and faecal fat.

Or

- (b) Analyse the significance of sugar and Protein.

13. (a) Experiment with RBC estimation.

Or

- (b) Examine the WBC estimation.

14. (a) Construct about Cerebrospinal fluid.

Or

- (b) Simplify ABO System.

15. (a) Make use of Culture media.

Or

- (b) Examine Zielh - Neilson Staining.



SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the safety measures in the laboratory.

17. Determine the collections and preservation of Urine.

18. Estimate Erythrocyte sedimentation Rate.

19. Discuss blood transfusion and its complications.

20. Elaborate culturing of organisms from various specimens.